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PATENT
Attorney Docket No. EPT-001C2
(previously EPTM-P03-001)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Lee *et al.* CONF. NO.: 5991
SERIAL NO.: 10/773,032 GROUP NO.: 1631
FILING DATE: February 5, 2004 EXAMINER: Lin, Jerry
TITLE: PROTEOME EPITOPE TAGS AND METHODS OF USE
THEREOF IN PROTEIN MODIFICATION ANALYSIS

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO/SB/08, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Each of the references were previously cited or made of record in U.S. Patent Application Serial No. 10/712,425 from which this application claims priority. Applicants believe that the Information Disclosure Statement submitted in U.S.S.N. 10/712,425 complies with the requirements of 37 C.F.R. 1.98 (a)-(c). Accordingly, pursuant to 37 C.F.R. § 1.98(d), Applicants have not supplied copies of the references cited on the attached Form PTO/SB/08, but can do so upon request.

In addition, Applicants wish to inform the Examiner about the following U.S. patent applications and the contents of their file wrappers, including all Office actions issued therein:

1. U.S.S.N. 10/436,549, entitled "Unique Recognition Sequences and Methods of Use Thereof in Protein Analysis," filed on May 12, 2003, and published as 2004/0038307 A1, on February 26, 2005 (A39 in attached form PTO/SB/08).
2. U.S.S.N. 10/712,425, entitled "Proteome Epitope Tags and Methods of Use Thereof in Protein Modification Analysis," filed on November 13, 2003, and published as 2004/0180380 A1, on September 16, 2004 (A40 in attached form PTO/SB/08).

3. U.S.S.N. 11/066,967, entitled "Proteome Epitope Tags and Methods of Use Thereof in Protein Modification Analysis," filed on February 5, 2005, and published as 2006/0014212 A1, on January 19, 2006 (A41 in attached form PTO/SB/08).
4. U.S.S.N. 11/249,847, entitled "Unique Recognition Sequences and Methods of Use Thereof in Protein Analysis," filed on October 13, 2005, and published as 2006/0035270 A1 on February 16, 2006 (A42 in attached form PTO/SB/08).


REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

Respectfully submitted,


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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/773,032
				Filing Date	February 5, 2004
				First Named Inventor	Lee
				Art Unit	1631
				Examiner Name	Lin, Jerry
Sheet	1	of	3	Attorney Docket Number	EPT-001C2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A18	4,478,744	10/23/1984	Mezei <i>et al.</i>	
	A19	6,113,897	9/5/2000	Dano <i>et al.</i>	
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	A41	2006/0014212	1/19/2006	Benkovic <i>et al.</i>	
	A42	2006/0035270 A1	2/16/2006	Lee <i>et al.</i>	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B4	DE 40 23 945	1/30/1992		Abstract only in English	
	B5	EP 0 337 057	1/23/1989		Abstract only in English	
	B6	EP 0 267 355	3/27/1987		Abstract only in English	
	B7	WO 05/50223	6/2/2005			
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	B9	JP 07285999 A	10/31/1995			
	B10	WO 02/06834 A	1/24/2002			
	B11	WO 99/39210 A	8/5/1999			

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Examiner Signature		Date Considered	
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				Examiner Name	Lin, Jerry
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	C14	Amheiter <i>et al.</i> (1981) "Physicochemical and Antigenic Properties of Synthetic Fragments of Human Leukocyte Interferon," <i>Nature</i> 294: 278-80.		
	C15	Amon (1991) "Synthetic Peptides as the Basis for Vaccine Design," <i>Molecular Immunology</i> 28(3): 209-215.		
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	C17	Bany <i>et al.</i> (2003) "Competitive Assay Formats for High-Throughput Affinity Arrays," <i>J. Biomol. Screen.</i> 10(3): 257-263.		
	C18	Borreback (2000) "Antibodies in Diagnostics - From Immunoassays to Protein Chips," <i>Immunology Today</i> 21(8): 379-381.		
	C19	Chames <i>et al.</i> (2000) "Antibody Engineering and its Applications in Tumor Targeting in Intracellular Immunization," <i>FEMS Microbiology Letters</i> 189: 1-8.		
	C20	Chou <i>et al.</i> (1974) "Prediction of Protein Conformation," <i>Biochemistry</i> 13(2): 222-245.		
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	C27	Hemminki <i>et al.</i> (1998) "Fine Tuning of an Anti-Testosterone Antibody Binding Site by Stepwise Optimisation of the CDRs," <i>Immunotechnology</i> 4: 59-69.		
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	C34	International Search Report for PCT/US2005/003634, mailed on 09/15/2005.		
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	C42	Marks <i>et al.</i> (1992) "By-Passing Immunization: Building High Affinity Human Antibodies by Chain Shuffling," <i>Bio/Technology</i> 10: 779-783.		
Examiner Signature				Date Considered

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Sheet	3	of	3	Attorney Docket Number	EPT-001C2

C43	Michaud <i>et al.</i> (2003) "Analyzing Antibody Specificity with Whole Proteome Microarrays," Nat. Biotech. 21(12) 1509-12 (e-publication 11/9/03).	
C44	Nelson <i>et al.</i> (2000) "Demystified... Monoclonal Antibodies," J. Clin. Pathol.: Mol. Pathol. 53: 111-117.	
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C46	Rosenkranz (2003) "Biomarkers and Surrogate Endpoints in Clinical Drug Development," Applied Clinical Trials, pgs. 30-34, 40.	
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C55	Werkmeister <i>et al.</i> (1991) "Multiple Antigenic Determinants on Type III Collagen," Biochem. J. 274: 895-898.	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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